Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 17 May 2023 until 23:59 on Thursday 18 May 2023

Forecast Issued on Tuesday 16 May 2023 at 13:15

Confidence: High confidence in generally settled conditions over the next couple of days, lower confidence in timings and intensity of rain and showers later in the week.

Headline for Wednesday 17 May 2023: A cloudy yet fine day after early low cloud lifts above summits. One or two showers possible late morning.

Mountain weather hazards on Wednesday 17 May 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG						
Fog	Fog	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	30%	20%	00%	<05%	<05%

Forecast for Wednesday 17 May 2023

Weather: Low cloud shrouding higher peaks overnight, with some misty patches down in the valleys giving a chilly feel to the morning. This soon breaking and lifting in the hours after dawn, with cloud mostly above the summits by mid to late morning and a few sunny spells developing. Cloudier through the afternoon with some hazy sunshine filtering through at times, with perhaps some sunny spells later into the evening. One or two isolated showers possible during the late morning and early afternoon, but these soon dying off.

Chance of cloud-free hill tops above 600m: 40% early, becoming 90% by late morning.

Low cloud and visibility: Banks of low cloud with bases around 300-500m covering some peaks early on, but generally lifting and breaking through the morning, clearing summits by late morning. Visibility poor initially in low cloud, but quickly improving, with visibilities becoming very good to excellent through the day, although dropping to poor or very poor in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 17 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 W	6/8 N	6/9 W	8/12 W	8/12 W	10/15 W	10/14 W	7/10 W	8/12 W
300	6/10 W	5/7 W	5/9 W	6/10 W	7/12 W	8/14 W	7/12 W	5/8 W	4/6 W
Valley	4/9 W	3/4 SW	4/7 W	5/10 W	6/12 W	7/14 W	7/13 W	3/7 W	1/5 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	5/3	6/4	7/5	10/8	11/9	10/8	8/6	7/5
300	8/6	8/6	8/7	10/9	12/11	13/12	13/11	10/9	9/8
Valley	8/8	8/7	9/8	11/10	14/12	14/13	14/12	10/10	8/8
Freezing Level*	1600m	1500m	1400m	1400m	1600m	1700m	1500m	1500m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate UV levels expected, even with mostly cloudy conditions, so extra sun protection required.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 16 May 2023	0mm	0.2mm	0.2mm

Forecast for Thursday 18 May 2023

Weather: A cloudy but fine day with some hazy sunshine filtering through at times. One or two sunny spells more likely during the early evening, before cloud thickens up from the west later on.

Maximum wind: Southwesterly 8-12 mph.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Cloud should be comfortably above summits through the day, thickening into the late evening. Visibility generally very good to excellent.

Temperature: **Valleys:** Plus 6 Celsius, rising to Plus 14 Celsius.
At 600m: Plus 5 Celsius, rising to Plus 10 Celsius.
Freezing level: Above summits.

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